

0300 10042433 021203

29th/30th
Jan, 2003.



B.Gopinath, Flat 301, Saralaramam
Apts. 16-11-310-8, Salimnagar,
Hyderabad-500036. PH :24553602.

To,
The Commissioner for Patents,
US Patent and Trademark office,
Washington, D.C. 20231.
INITIAL PATENT EXAMINATION DIVISION.

Dear Sir,

Ref : Your Notice reference OC 000000007449286 received on Jan 24th '03
Application no.10/042,433.

- ❖ I wrote to you on Jan 24th giving you the background of the matter regarding the non receipt of the original notice by me.
- ❖ I am enclosing 10 sheets of the drawings with margins as specified, to substitute the drawings originally submitted.
- ❖ I need information on the procedure to include the improvements I made on one of the models to improve its performance .I am writing a separate letter on this.
- ❖ I am enclosing a copy of the notice as required.

Yours faithfully,


B.Gopinath.

ENCLOSURE : DRAWINGS - 10 sheets.
COPY OF YOUR NOTICE.



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30th, Jan '03.
The Commissioner for Patents,
US Patent and Trademark Office.
Washington, D.C. 20231.

B.Gopinath , Flat 301, Saralaramam
Apts. 16-11-310-8, Salimnagar,
Hyderabad-500036. PH :24553602.

Dear Sir,

Ref : Application number 10/042,433.

Request for inclusion of improved model, information on procedure.

- I have made several improvements in the multi knife cutting device- inclined cutting action. I am enclosing one drawing sheet and two pages of specification giving the details.
- I request you to inform the procedure to delete device B in the present specs page 9 and 10 and replace it with the new model , the details of which are enclosed.
- There is no change in the basics of the invention. Only improvements are made to make the device work better.

Yours faithfully,


B.Gopinath

End: Specs - 2 pages
Dwg - 1 sheet.

DEVICE B. MULTIKNIFE CUTTING DEVICE- INCLINED CUTTING ACTION.

(To replace existing Device B in page 9,10 of the Specification submitted with the Patent application)

Sheet no.11. Fig 22- Elevation view of the device with the knives in horizontal position. The vertical position of the knives is shown in dotted lines

Fig 23. View of the knife holding frame looking in direction A in fig.22. The knives are not shown.

| Part no. | Name | Quantity | Material. | Dimension in mm |
|----------|-------------------|----------|--------------|-----------------|
| 1 | Knife | 6 | SS 420 | 1x 24x160 |
| 2 | screw | 12 | steel | 4 dia |
| 3 | handle | 2 | Al/laminate | 6x24x170 |
| 4 | fulcrum screw | 1 | steel | 4 dia |
| 5 | Platform | 1 | Al/ laminate | --- |
| 6 | Guides/separators | 7 | Al/laminate | 6x129 ht |
| 7 | base angle | 2 | Al | 2x20x25 |
| 8 | Spacers | 6 | laminate | 2x20x76 |
| 9 | Slots for knives | 6 | -- | 2 wide |
| 10 | screws | 2 | steel | 4 dia |

Construction.

The appearance is shown in fig nos 22 and 23.

Six numbers of knives part 1 are mounted in a frame made up of part 6 guides or separators, part 7 base angle, spacers part 8, and part 10 screws to join them together into a frame.

The knives are joined to the frame by a 4mm screw at location marked 4. The screw acts as a Fulcrum for the movement of the knives. The slot in which the knife is mounted is 2mm wide and the knife is 1 mm thick. The 1 mm gap is filled up by a 1mm thick and 24mm dia laminate washers, 6 nos, on the fulcrum screw.

This makes the knives move without play and function better. The outer 4 knives are assembled into one handle ,part3,170 mm long and the center 2 knives are assembled into another handle. These two groups of knives can be operated together or separately .

The guides part 6 form an opening of 60 x 60 mm ,the bottom surface of which is the support platform for the vegetables.

Functional description.

The device is placed on a flat surface as shown if fig 22.

The 6 knives are taken back by about 45 degrees from the vertical position forming a gap between the knives and the platform. The vegetables are placed on the platform. The knives are moved clockwise by hand pressing at the extreme end of the two handles to gain maximum lever advantage. The stroke comes to an end in the horizontal position after slicing through the vegetables.

The cut pieces are lying free on the platform and can be removed by pushing with a wooden piece or by tilting the whole device to the right.

Now the device is ready for the next cutting operation.

This device is superior to the earlier model because of the following.

- The knives are guided through the full cutting operation by the guides part 6 preventing them from bending so that the cutting is smooth.
- It can cut a full potato of section 60 x 60 mm into slices or fingers as the knives are supported on the sides. For this operation the outer four knives are to be used first for cutting while the center two knives are pressing the potato in the middle. The center knives can be pushed down immediately after the outer knives become horizontal.
- For light cutting jobs like 6 nos Okra at a time all the 6 knives can be used simultaneously saving time.
- In the earlier model the knives will bend while cutting a 60x60 mm Potato, making the cut impractical.



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/042,433 | 01/10/2002 | Gopinath Baddepudi | |

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CONFIRMATION NO. 6956
FORMALITIES LETTER
OC000000007449286
OC000000007449286

Date Mailed: 02/08/2002

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY